



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Lancer Group International
311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7

Emergency Telephone Number: (204) 889-7422

Trade Name: Evolution Direct Print Plastisol Inks

Codes: 6500 Series, 6581 Bright Optical White, 6593 HO White

Chemical Family: Plastisol (PVC/Phthalate Free)

Product Use: Screen printing ink

WHMIS Classification: Not regulated

24 Hour Emergency Number: (613) 996-6666 CANUTEC
(Use in case of a dangerous goods emergency.)

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients | Percentage | TLV (ppm) | CAS# |
|-------------|------------|-----------|------|
| | | | |

Composition comments: These products do not contain any known currently listed hazardous materials nor do they contain any carcinogenic or suspected carcinogenic agents.

SECTION 3. HAZARDS IDENTIFICATION

Effects of Overexposure: Fumes emitted during fusion may irritate eyes, skin or respiratory tract.

Chronic Overexposure: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Skin Sensitization: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Sensitization to Materials: Skin sensitization and allergic reactions may occur in certain individuals in slight cases.

Synergistic Products: None known

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush with flowing water for at least 15 minutes.

Skin Contact: Remove excess ink from skin and wash thoroughly with soap and water.

Inhalation: Remove to fresh air. Consult a physician if needed.

Ingestion: Vomit as much as possible. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammability Properties

Flash Point (closed cup, °C): 225

Hazardous Combustion Products: Oxides of phosphorous and carbon

Explosion Data: Not applicable

Extinguishing Media: Carbon dioxide, dry chemical foam

Special Fire Fighting Procedures: Avoid breathing combustion products or use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Container may explode when subjected to extreme conditions and temperature.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if Material is Spilled or Released: Scoop material into drum or suitable container. Absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Handling: Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use.

Storage: Store in a cool dry place away from oxidizing and combustible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not necessary

Personal Protective Equipment (PPE)

Skin Protection: Nitrile gloves if continual contact is likely

Eye protection: Safety goggles

Footwear: Sneakers

Clothing: Nitrile smock if available

Respiratory Protection: Not required with normal adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Cream paste with slight odour

Boiling Range, °C: 255

Melting/Freezing Point, °C: < -40°C

Vapor Pressure (mm Hg @ 20°C): 0.033 @ 150°C

Vapor Density (Air = 1): Heavier than air

Specific Gravity (Water = 1): 1.16-1.19

Solubility in water: Insoluble

Percent Volatile by volume: Not applicable

pH: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility (materials to avoid): Oxidizing material can cause reaction

Conditions of Reactivity: Prolonged exposure to temperatures @ 300° C, Product stable at ambient temperature

Hazardous Decomposition: Burning may produce oxides of phosphorous and carbon monoxide/dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14. TRANSPORT INFORMATION

Canadian TDG Shipping Description: Not regulated

US DOT Classification: Not regulated

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available

SECTION 16. OTHER INFORMATION

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

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